

10/072348

Cg C

CHARLES B. GORDON
THOMAS P. SCHILLER
DAVID B. DEIOMA
JOSEPH J. CORSO
HOWARD G. SHIMOLA
JEFFREY J. SOPKO
JOHN P. MURTAUGH
JAMES M. MOORE
MICHAEL W. GARVEY
RICHARD A. SHARPE
RONALD M. KACHMARIK
PAUL A. SERBINOWSKI
BRIAN G. BEMZENICK
AARON A. FISHMAN

PEARNE & GORDON LLP

ATTORNEYS AT LAW
1801 EAST 9th STREET
SUITE 1200

CLEVELAND, OHIO 44114-3108

TEL: (216) 579-1700 FAX: (216) 579-6073

EMAIL: ip@pearnegordon.com

WRITER'S DIRECT EMAIL: jmurtaugh@pearnegordon.com

STEPHEN S. WENTSLER
ROBERT F. BODI
SUZANNE B. GAGNON
UNA L. LAURICIA
STEVEN J. SOLOMON
GREGORY D. FERNENGEL
BRYAN M. GALLO
BRAD C. SPENCER

OF COUNSEL
LOWELL L. HEINKE
THADDEUS A. ZALENSKI

PATENT, TRADEMARK,
COPYRIGHT AND RELATED
INTELLECTUAL PROPERTY LAW

February 2, 2006

Attn: The Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate

FEB 09 2006

of Correction

Re: U.S. Patent No.: 6,974,409 B2
Issued: December 13, 2005
Title: CATHETER PUMP, CATHETER AND METHOD
FOR SUPPORTING ORGAN PERFUSION
Inventors: Gijsbertus Jacob Verkerke et al.
Our Docket No.: 31900US1

Sir:

A Certificate of Correction under 35 U.S.C. 254 is hereby requested to correct Patent Office printing errors in the above-identified patent. Enclosed herewith is a proposed Certificate of Correction (Form No. PTO-1050) and documentation in support of the proposed corrections for consideration.

It is requested that the Certificate of Correction be completed and mailed at an early date to the undersigned attorney of record.

Respectfully submitted,

By John P. Murtaugh
John P. Murtaugh, Reg. No. 34226

JPM/ck
Enclosures: Form PTO/SB/44

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

John P. Murtaugh

Name of Attorney for Applicant(s)

2-2-06

Date

John P. Murtaugh

Signature of Attorney

FEB 09 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,974,409 B2 PAGE 1 OF 1
DATED : December 13, 2005
INVENTOR(S) : Gijsbertus Jacob Verkerke, Arjan van der Plaats, and Gerhard Rakhorst

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 8

Line 3, please delete "50" and insert therefor --105°--.

MAILING ADDRESS OF SENDER: John P. Murtaugh
Pearne & Gordon LLP
1801 East 9th Street
Suite 1200
Cleveland, Ohio 44114-3108

PATENT NO. 6,974,409 B2

No. of additional copies

⇒ 0

FEB 09 2006



Amendment filed 10/19/04
Ser. No. 10/072,348

Claim 13 (original) A catheter pump according to claim 12, wherein

said lumen has a round cross section;

said outlet opening is round in a view frontal thereto and wedge-shaped in a side view perpendicular to said frontal view; and

said plate-shaped member is curved about an axis of curvature transverse to said pivoting axis, round in frontal view and wedge-shaped in a side view perpendicular thereto.

New Claim 8
~~Claim 14~~ (original) A catheter pump according to claim 13, wherein, in side view, opposite sides of said wedge shapes of said outlet opening and of said valve body extend at an angle of 75–105° to each other.

Claim 15 (original) A catheter pump according to claim 13, wherein, in said inlet position, said valve body has a frontal projected area having a first portion on a proximal side of said pivoting axis and a second portion on a distal side of said pivoting axis, said first portion being larger than said second portion.

Claim 16 (original) A catheter pump according to claim 12, wherein, in said outlet position, said valve body has a frontal projected area having a first portion on a side of said pivoting axis where said outlet opening is located and a second portion on an opposite side of said pivoting axis, said first portion being larger than said second portion.

Claim 17 (original) A catheter pump according to claim 16, wherein said pivoting axis extends across said lumen, and wherein said lumen has a cross-sectional area having a portion on a side of said pivoting axis where said outlet opening is located and a portion on an opposite side of said axis, said portion on said side of said pivoting axis where said opening is located being larger than said portion on said opposite side of said pivoting axis.

Claim 18 (previously presented) A catheter pump comprising:

a catheter having a distal end portion and a proximal end portion, and a channel communicating with said distal end portion for alternately passing a fluid in a direction away from said distal end portion towards said proximal end and in a direction away from said proximal end towards said distal end portion;

an inlet passage and an outlet passage proximally spaced from said inlet passage;

a valve arrangement for at least restricting outward blood flow via said inlet passage and inward blood flow via said outlet passage;